

Dr. Peterson

Welcome: Georgia Tech Cyber Security Symposium

1 p.m. March 28, 2014, Georgia Tech Hotel and Conference Center

- To all of you participating in the NAE regional meeting and the Cyber Security Symposium, welcome to Georgia Tech, and to Atlanta. General Alexander, we extend a special welcome to you, and thank you for your national leadership in the vital area of cyber security. We look forward to hearing your insight on key issues for our future.
- Atlanta is a national hub for cyber security and innovation, and Georgia Tech is a major driver through research and related startup companies. Later this afternoon you'll hear from several Georgia Tech entrepreneurs, as well as other experts from business and education, who are innovatively attacking the global challenge from a number of angles. Georgia Tech's cyber security research efforts are multidisciplinary and institute-wide, with researchers developing technologies and security strategies to enable the global cyber security solutions of the future.
- We're also working to address problems today, whether it is developing systems to dismantle large botnets or malicious codes, creating security for mobile devices, designing systems for secure information sharing, developing tools to help the Department of Defense test networks, or bringing together organizations to collectively fight the battle.
- Georgia Tech is facilitating information sharing between companies and governments through two programs. The Georgia Tech Research Institute's, or GTRI, Cyber Technology and Information Security Lab is creating a platform for private companies share anonymously the data on their cyber attacks, which allows threats to be mitigated. The knowledge base is shared among—and benefits—all participants. It now includes more than 100 participating organizations, and builds on a GTRI threat-analysis protocol that includes a malware repository with more than 100,000 samples of malicious code.
- In January, former Georgia Tech Information Security Center director Mustaque Ahamad described a similar GTISC effort at the World Economic Forum in Davos,

Switzerland, which I also attended. GTISC and the World Economic Forum are working with corporate and government leaders around the globe to develop a data-driven approach to understand cyber risk.

- With the growing scale and sophistication of cyber security threats, multidisciplinary teams at Georgia Tech are focused on gaining a better understanding of emerging threats, including partnering with government, business and industry to develop solutions. The key to protecting our information is collaboration, and capitalizing on our strengths.
- Almost 20 years ago a Georgia Tech student, Chris Klaus, founded Internet Security Systems (ISS) from his Georgia Tech dorm room. He eventually sold the company to IBM for \$1.3 billion. His story is only one example of what has made Atlanta a global hub for cutting-edge cyber security research. It also a testament to the power of innovation.
- Every day individuals and organizations are developing new and creative ways to attack digital systems. Yet, every day individuals and organizations are responding quickly, and anticipating needs, developing innovative and powerful solutions to protect information for our government, businesses, industries, schools, and for individuals. Georgia Tech, in coordination with a large and growing cyber security industry in Atlanta, is stepping up to meet these challenges.
- To successfully combat the magnitude, speed and sophistication of cyber attacks, it will take all of us working together. We're glad that you've chosen to participate in today's conference.